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Name: Examiner C. Graham, Art Unit 3628From: Mark D. Simpson, Reg. No. 32,942Re: Application No. 09/685,838S&L Docket Number: 24,318 USAConfirmation to follow: Yes X No

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**RESPONSE TO FINAL ACTION MAILED
JULY 5, 2005**

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PATENT

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Docket No. RSW920000053US1

EXPEDITED PROCESSING -
RESPONSE TO FINAL REJECTION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTORS: Bruce W. Moore and James R. Kramer
APPLICATION NO. 09/685,838
FILED: October 10, 2000
CASE NO. RSW920000053US1

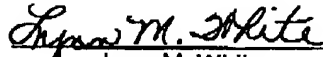
Examiner: C. Graham
Group Art Unit: 3628

TITLE: SYSTEM AND METHOD OF SOLVING OPTIMIZATION
PROBLEMS USING PRESTORED ADVANCE BASES

CERTIFICATE OF FACSIMILE TRANSMISSION

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October 4, 2005
Date


Lynn M. White

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY AND AMENDMENT UNDER 37 C.F.R. §1.116
TO EXAMINER'S ACTION MAILED JULY 5, 2005

Sir:

This is in response to the Office Action mailed July 5th, 2005, having a period for response set to expire on October 5th, 2005.

Remarks begin on page 2 of this paper.